[illegible]

[illegible]

[illegible]

[illegible]

R B
Kennedy
⑤

RG NPN (5)

Bermuda

2-27-29 Ficus lyrata Warb. p102
BM&C P. 237 Observed tree. collected lf.
Sunnyland.

2-27-29 —— El.
Same plant "onion-like"
as 3-11-27 Sunnyland. Called "Wild Onion"
by ~~attend~~ gardener. Why not Nothoscordum
fragrans, Kunth. p 70? Scape solid.
Agrees with desc. except fls pure white
instead of "yellow or yellowish green".
Ovules definitely 2 instead of "several"
Lvs. sheathing at base of scape 4 or 5 in.

3-14-29 Mr. — Fairyland Flower Shop says this
is Nothoscordum fragrans. But (see 4-28-29)
prob. not.

2-27-29 Chamaesyce hirta, Millsp. p216
Fl. & unripe fr. Weed at Sunnylands!
General effect from above at., lvs & inflo
bronzy-red. Lvs pale green below.
Clusters of involucres dense & short peduncled.

2-27-29 Acuan virgatum, Medic Fl & fr p 169 Roadside (no side) at corner of No Rd & Pt. Finger Rd. (See 1-7-27) Seeds on long stalks but not "curled up" instead they are angularly somewhat cubical & fill space inside narrow pod. Pinnae 1 to 2 pairs. Lfts ciliate

2-27-29 Musa Cavendishii, Lamb. p 88 & B.M.J.C.P. 201 Fl. Garden opp entrance to Montrose.

2-27-29 Raphanus sativus, L p 154 Fl & unripe fr Near above. Longest pods to 2½ in with 7 to 8 seeds But fls now white & pink show no earlier yellow shades (even in bud) Pod shows longitudinal lines but not really "grooved" At this stage breaks readily into segments thru the corky partitions bet. seeds.

2-28-29 Linum usitatissimum L. p 195 & B.M.J.C.P. 440 Fl & fr. Roadside just west of Empire Bar. 19 in high.

#179 G.H.

2-28-29 Achyranthes maritima, Standley p 121 Fl & fr. Frequent at Port Royal Cove. Anthers seem 1-celled Spec. pressed.

#151 G.H
#152 N.Y.B.G.

2-28-29 Galium ——— Same species and from same spot (in front of wall of Fairway View) as 2-~~30~~20-27. Fl peduncles 1/8 in long but fr. peduncles lengthened to 3/8 in, stouter & recurved. Fl & unripe fr. Fr at this stage about 3/16 in diam. Lvs 1-nerved, the weak hooks on margins not retrorse. Spec pressed. Plant

#153 GH
154 N.Y.B.G.

weak & reclining to 2 ft.
4-6-29 Spec pressed from same spot. Fr. 3/16 in diam very stubbly like Pandanus fr. but no spines or hooks of any sort.

2-28-29 ? ~~Raimannia humifusa~~ East Whale Bay at triangle where road branches to Port Royal Course. ~~No doubt~~ same plant found in that vicinity 2-20-27 No flor fr. Like desc 2-20-27 except largest lf on branch collected was 1½ × ½ in, obovate rather than ob-lanceolate, with very low distant teeth not undulate, ~~not~~ acute at apex, narrowing into short petiole. St. prostrate so lvs are twisted to lie with backs to ground. See 3-30-29 & 4-6-29

2-28-29 Cassia bicapsularis, L p 172 Fl. Middle Rd west of Belmont at an entrance on no. side of rd.

2-28-29 Croton punctatus, Jacq p 207 E. Whale Bay. No flor fr.

2-27-29 Calophyllum Calaba, Jacq p 246 Lvs & fr. Hillside about opp. Montrose entrance.

2-27-29 Tabebuia pallida, Miers. p352 Lvs only from tree near above. Lvs with 1-lft. only collected.

2-28-29 Hartmannia rosea, G. Don p269 Bet. Empire Bar & E. Whale Bay on So. Shore Rd. Bud. {Was not same plant - no flr fr. - collected 2-11-29 on Ireland Island near officers canteen? Neither specimen nor desc. kept.) St. red. Basal lvs to 3½ in long on petioles 1½ in long, lyrate & lobed somewhat like dandelion. Lvs thin, undulate as well as distantly low toothed, puberulent above & below. Shaped as in ill, veins esp. mid-rib white & well marked. Stigma lobes red. Anthers pink with red vein

X
3-4-29 Mathiola bicornis, R. Br. B.M. of C.P. 308 Fl & very young fr. Water-Lot Tea House

2-27-29 Parietària floridàna, Nutt. Fl & fr. p 106 On wall no. side of rd uphill from Springfield. No tint to explain name of "red pellitory"

Koelèria phleoides, Pers. p 30. Fl. Prob 2-28-29 So. end of rd from Empire Box to So. Shore. 3-12-29 Prob on west rd to St. Anne's

2-27-29 Stachys arvensis, L p 325 Fl & fr. Field opp. entrance to Montrose. With & like the typical plants except that all parts are ~~practically~~ glabrous except for occasional hair

3-7-29 Veronica peregrina, L. p 350 Loughlands. ~~Ets~~ Fls & fr. glandular pubescent.

2-27-29 — —
Palm. Sunnylands. No fr or fls. Trunk slender. Lvs palmate, 2 ft diam, cut more than ¾ to base into 25 divisions Petiole very slender & simple (Acre-

membered 3/8 unarmed), tightly bound to stem 1/3 of length (as observed) with a netting like fibre which persists after lvs fall clothing trunk to the very base. (Segments remembered 3/8 as taper pointed)

2-27-29 Asparagus plumosus, Baker p 93 & B.M. of C.P. 167 Sunnylands. Spiniferous quality of lf scales very evident. Scales point downward.

2-27-29 Solanum robustum, Wendl. p 337 & B.M. of C.P 655 Fl. Sunnylands. Observed but not collected.

2-27-29 Solanum ———
By side of above near north-east gate

No fls. No orange pubescence on st. & lvs. Veins of lvs purplish. Spines (both stout & slender ones) on st & lvs. Perhaps S. aculeatissimum. Jacq p 336.

2-27-29 Caryota ———
Sunnylands observed in fl. Lvs bipinnate. Inflo. begins 7 ft above ground & continues to top which is 21 ft or more from ground. (As remembered 3/8 there were several suckers from base. If so it was prob. C. mitis, Lour & not C. urens L.

3-3-29 Plantago lanceolata L. p 359
Fl. Hill west of B.V. Lvs noticeably pubescent with scattered long white hairs.

x

3-11-29 Selaginella —— No spores
Miss Gray's Rock Garden. Perhaps S. viticulosa, Klotzch which B.F. of B p429 mentions as occasionally planted on rock-work. Some of the frond-like branches bright reddish copper (perhaps these are young ones) but most of them green. P.&B. are green.

? X

3-11-29 Polypodium —— Spores
Miss Gray's Rock Garden. Sori circular or oval to 2 mm diam, a row on each side of mid-rib closer to mid-rib than to margin, and a incomplete row of smaller sori alternating with the larger ones nearer the margin. Sori deeply impressed so as to make very definite protuberances on upper side of lf. Lvs deeply pinnatified, segments entire, long pointed, glabrous & shining above & beneath, mid-rib definite but no other ribs evident. Lf. very firm. Indusium none, sporanges pedicelled. Sporange green with brown ~~set~~ vertical ring that seems to encircle it only 3/4 of circumference i.e. from base up one side & over top but not completely down other side. St creeping over rocks.

4-11-29 Smithlands. Frond collected (growing in shade) had dark brown glabrous stipe 18 in. Blade over 1 ft long & 1 ft

±3 in wide at base. Mid-ribs of blade & pinnae dark brown like stipes. Sinuses rounded & almost as wide ~~3-11-29~~ as pinnae. Sori more hardly in regular rows none at tips of blade or pinnae. Lower pinnae decurrent on stipe about ½ in. Lateral veins of pinnae can be seen only against electric light & appear to be somewhat connected. Tip of growing st a stiff brush with very long accumminate reticulated brown scales which are attached to st. in middle of the expanded lower end, the tips being finely toothed. These scales or the lower portions remain more or less on the st. Indusium none. Lf glabrous. Stipes jointed lvs scar when detached.

4-22-29 Miss Wood at Woodhaven calls fern prob same as above Fiji Fern. Got this Polypodium aureum L. BM of CP. 69. 5-6-29 Same fern at Mayflower Mr Cox calls Five Finger or Trinidad Fern

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? Miss Grays Rock Garden.

3-11-29 Bléchnum occidentale, L. Not in B.F. of B. but if in B.M. of C.P. undoubtedly this. Lf 1-pinnate. Sori in 2 lines parallel to & very close to mid-rib on each side almost entire length of pinna. Indusium attached on outer edge. Lateral veins forking once (usually near the midrib), free and ending shortly before reaching margin. Ends of lateral veins show as slightly broadened on upper side (20x). Pinna looks entire to eye but (20x) has very minutely toothed edge. Pinnae ~~Bo~~ lanceolate (the one collected is 4¼ in x ½ in at base) accumminate and curved presumably upward, green glabrous but not shining. Some fronds, prob. young ones bright reddish bronze.

3-9-29 Mèlia Azedarach, L p 205 Fl. Long Bird Island 1st fl seen this season.

3-13-29 Marilaunidium jamaicense, Kuntze p 305 Fl. Paynters Vale. Ovary pubescent.

3-13-29 Clerodéndron fràgrans, L 318 BM of CP. 634. Fl. East of Agri Station edge of field so. side of rd. Lvs 3-nerved & often slightly V shaped at base

3-12-29 Torilis nodosa, Gaertn p 274 Rd to W. Whale Bay (rd leading so. from main rd.) Fl & fr. 3-13-29 Harrington House garden. Plant lower than T. Anthriscus, general effect rather lighter green. Lf segments rather more finely cut & closer together.

#131 N.Y.B.G.

3-12-29 Geranium ————

Fl & young fr. ~~Rd~~ Main rd Southampton so side on hill east of Jews Bay. St very red, loosely pubescent with long, spreading, gray hairs Lvs pentagonal 2¼ × 2¼ in. (and not like ill. of G. carolinianum, L p 191) All are 3 parted to base. the middle segment very narrow for at least ¼ in from base then cut into 3 parts which are round lobed, the lateral segments cut almost to base (making effect of 5 segments with narrow bases) & round lobed. Peduncles 1 in. or less bearing 2 fls on ⅛ in pedicels. Fls rose colored 5/16 in long. Sepals glandular pubescent, ~~and~~ 3 ridged ~~[illegible]~~ with awl tip 1 mm. long hyaline edged (the inner & under edges broadly so) not ciliate, about as long as petals. Claw of petal ⅛ in blade a little more than ⅛ in long especially in unripe fr.

& 2/3 as wide as long not emarginate
Ovary lobes wrinkled but not at all pubescent. Filiments as long as style to point of division (See 3-23-29)
3-~~20~~ 30-29. Same locality. Fl & unripe fr. Beaks of unripe fr ~~1/2 in~~ 5/8 in, glabrous for 3/4 length & above that for about 1/8 in ciliate on 5 angles then (about 1/16 in) glabrous. #130 G.H.

Prob G. Robertianum L G535
Robertiella Robertiana (L) Hanks B & B II 426

3-15-29 Vinca major, L. B.M of C.P p605 Miss Keap's ~~or~~ Quarry garden.

#177 G.H.
3-12-29 Sherardia arvensis, L p 369 Just west of Empire Bas. Lvs in 6's 9/16 × 2/16-3/16 in. Whorles 1 3/8 in apart. St. swollen above each whorl. St. weakly retrorsely hispid. Lvs hispid on edges, mid-rib & upper surface but not retrorsely.

#178 G.H.
3-12-29 ? Galium bermudense, L 368 Unripe fr. ~~taff~~. So side of north road near Spithead. Lvs in 4's. St & lvs stiffly, retrorsely hirsute. Whorls of lvs. never more than 1/2 in apart (usually nearer, often giving effect of slightly brownish ring at node. Lvs never more than 3/8 × slightly more than 3/16 in oval, mucronate, thickish, 1-nerved. St. stout & thick. Pedicels short with fleshy pubescent fr (unripe)
3-12-29 Not with above 5 1/4 in. no flr fr. ~~Whorles to 1 3/8 in apart. St. swollen above each whorl~~.

3-12-29 Silene nocturna, L p 133. Buds & fr. So. side of road in garden bet. Water Lot and Emanuel Church Southampton. ~~Fst~~ and So Rd near St. Anne's Church. Petals often absent. When present length of calyx & 2-cleft at apex with 2 scales at base of blade. Pedicels twist so that fr. tends to be on one side of stem seeds are reniform, wedge-shaped corrugated on back & very definitely ridged on edges, making deep depression on the 2 faces. (Query was 4-4-27 thought perhaps to be S. anglica. L. really S nocturna, L. ?)

X

3-19-29 ——

Palm fan lvd in row on so. side of So. Rd. Fl when no more than 5 ft high. Stout & somewhat recurved (at base ½ way up) ~~Some~~ spines (~~at least in~~) outer petioles, none higher up. Inner petioles seem unarmed. Infl. compound. Stalks & flo yellowish Fl sessile in groups of 3 or 4. All studied were perfect. Calyx, corolla 3-lobed, deeply. Stamens 6, filament broadly flatten- at base with slender prolongation bearing anther. The 3 cells of ovary separate readily (perhaps not united) each bearing a part of style. ~~=~~
N.B. Livistona chinensis in Agri Stat. (much higher tree) is in blossom at same time and still has berries on it. 4-5-29 Mr. Smith of Cotswold (just opp) says this is "Panama Palm" supposed to be palms from which Panama hats are made. Lvs split ~~M~~ tips very acuminate no threads. Infl begins at about 4 ft. very compound the sheaths several among the flvs.

3-13-29 Brassica nigra, Koch p150
Fl & unripe fr. Harrington House garden. Pods 4-sided appressed.

# 3-12-29 ? Brassica ——
Fl & very young fr. Perhaps from

near St. Annes Church. or perhaps an earlier date. Only part of plant collected. (upper 12 in.) this ~~quite~~ almost glabrous.[x] Fls yellow about same shade as above but much smaller. Pedicels of young pods spreading at almost rt. angles.

If in B.F. of Bot must be B. integrifolia, O.E. Schulz p 151 but not at all sure.

[x] few scattered ~~hispid~~ stiff hairs on petioles & lvs.

3-12-29 Raphanus Raphanistrum, L p 153 Fl & young fr. 1 Prob. near St. Anne's Church perhaps elsewhere. Fl {diagonal meas. 3/4 in. yellow purple veined & purple tinged at tips of petals. Calyx lobes less hispid than R. sativus.

3-13-29. The one pod well formed is 1 3/8 in over all with beak 3/4 in., constricted between the two seeds but not grooved. Lvs & stem yellower green than below.

3-13-29 Raphanus sativus, L p 154 Fl & advanced fr. Fl white, calyx lobes hirsute to eye. Fr. not grooved, in some cases as much constricted bet. seeds as above. In no case is beak as proportionately long as above.

3-9-29 Aleurites moluccana, Willd p 219 St. Georges Public Garden tho't to be "Butternut" by Mr. Swainson. L of only collected 8 1/4 in long x 9 1/2 in wide 5-nerved & 5 lobed maple-lf-like in effect. ~~base the~~ lobes nearly entire, slightly undulate. Lobes acute sinuses round base cordate. Petiole 16 in long, with 2 glands at apex and rusty stellate pubescence at base. See B.M. of C.P. 455 This tree was in fl 2-2-29 but none collected then. (See 4-28-29)

X

3-12-29 Chamaesyce Blodgettii, J.K. Small
p213 Fl v unripe fr. Prob on cliffs just east of
west Whale Bay. Fr. at this stage reddish
brown.

3-12-29 Bromus unioloides, H.B.K. p 35
west rd to St. Annes ~~St.~~ Church. Fl.
Scales with broad hyaline edges.

3-12-29 Eustachys petraea, Desv p 37
3rd scale brown & pubescent on keel v edges

3-11-29 Stenotaphrum secundatum, Kuntze
p24. Valley Way Dried fr. Ligule a ring of hairs
with small tuft at edges 3-12-29 Prob
on cliffs near West Whale Bay no flor fr. Creeping
stem, branches ½ in long at intervales
of ½ in. Short sheaths densely overlapping
v blades 5/8 in.

? X

~~3-14 3-14~~ 3-14-29 Briza ~~maxima~~, L p 31
Mrs. Smithers (florist) lawn. But dif. from
desc. of B. max from in that plant 8 in over all. Lvs
3 lignes wide v spikelet only 2 lignes or
less long x slightly less broad. i.e. 5×4mm.
Lvs. 7mm wide. Scales 9. The 2 lower
glabrous, green at base for ½ of length
the rest white with broad hyaline
margin all around, strongly concave
the 1st strongly cordate at base, the 2nd
truncate. Fl. bearing scales gibbous
the pouched part very light green
v scruffy on outside with tiny white oval scales (20×)
surrounded with ~~a~~ a darker green
band v that by a broad hyaline
margin which has purple
tinges at lobes of cordate base. 4 indistinct
nerves in green band.
Palea fits snugly over pouch

2 mm long x almost 1 mm wide its edges tightly folded back (inward) forming narrow margin. Palea white with bright green line on each edge at fold. Back (outside) scurfy like ~~scale~~ lemma but scales linear. All fls perfect. Anthers purple. Infl. decompound. Pedicels very delicate. Lf has less definite division bet. sheath & blade than most grass lvs, the hyaline ligule being continuation of edge of sheath up onto blade (free for 2 mm & obtuse) then down on other side inside edge of sheath.

5-14-29 Middle Rd Paget. #136 G.H #137 N.Y.B.G.

Perhaps B. minor L. G   B&BI 251

3-26-29 Vicinity of Rosemount #167 G.H.

3-13-29 Dólichos Láblab, L (See 1-29-29) p185 Fl & fr. Paynters Vale. Fl. pale yellow. ½ in long. Standard 11/16 in broad, auricled at base of blade, region where blade joins claw has a sort of loose lining with a small fold projecting upward on each side of mid-vein & smaller less distinct folds projecting downward, folds also at auricles[x]. Wings free as to claw & blade, adnate to keel only at point bet. claw & blade. Keel bent upward at rt. angle edges above the angle finely glandular ciliate. Style hairy in line on inside & somewhat so for short distance outside. Stigma rounded at tip of style with slight projection on in side.

[x] these folds of auricles embrace the free stamens so that it pulls off with the standard. Pod warty on edges (esp. evident in the unripe pods) Ovary seems to have 3-4 ovules

Seeds 2-4.

3-13-29 Ipomoea dissecta, Pursh p302 Fr. Paynters Vale. Sepals (of ripe fr.) 1 in to 1¼ in long. Capsule 2 celled 4 seeded, 4 valved. Sepals persistant, spreading. Seeds black.

#182 GH.

3-13-29 Dryopteris
prob D. normalis, C. Christensen p425 Paynter's Vale at southeast corner of small house at so-east corner of house pressed on chance of its being D. bermudiana, Gilbert. What looks like glandular growth on back may be pollen from other specimens in box

3-20 29 D. normalis from Paget Marsh has same yellow glands on back. Glands short stalked. 3-20-29 D. Thelypteris A Gray p 425 Small sterile frond only but veinlets definitely forked.
This not noticed till 11-22-29.

3-13-29 Nephrolepis exaltata, Schott. p427 vB M of C.P. 71. Paynter's Vale on wall of garden to east of front steps. No spores. Pinnae with very evident row of small dots around margin on upper surface. These dots appear dark to eye but whitish (mag 20x) 3-20-29 N. exaltata Paget Marsh has same dots.

3-11-29 Dichondra carolinensis Michx p304 Unripe fr. Capsules pubescent 1-seeded.

Lathyrus odoratus, L. B M of C.P 393. Fl. Style flattened & twisted so that edges are in plane with edge of keel. Ovary silky pubescent.

?
3-10-29 Chenopodium murale, L p116 Fl & fr. East Front St. Hamilton St & some of petioles striped red & green. Utricle black, minutely papillose.

x
3-11-29 Mercurialis annua, L. p209 Valley Way ♂ fls.

3-10 or 18-29 Lepidium pusillum, Britton p395 Fl & fr. near B.V.

3-10-29 Erigeron Darrellianus, Hemsley Fl & fr p 393. Wall near B.V.

3-11-29 Malvastrum coromandelianum, Garcke. p 235. Fl & fr. Valley Way. St. green throughout but hairs as 4-11 or 13-27

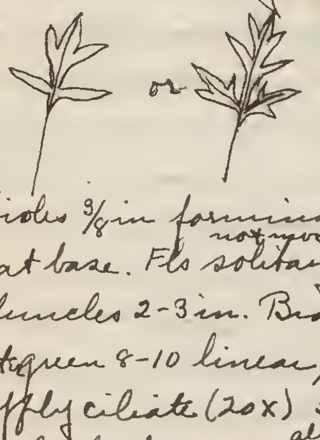
Pedicels ⅛ in. Carpel as ill.

x
3-18-29
Lvs only from tree labeled "Laurel" at Par-la-Ville So. e. corner by entrance. But prob not Laurus nobilis, L p141 since lvs have no odor when crushed. Largest lf collected 3½ x 1¼ in elliptic almost equally acute at tip & base. entire, margins slightly revolute. Glabrous & shining above, lateral veins not conspicuous. Beneath & on petiole & prob on twigs scruffy with peltate light green scales. Petiole ½ in or less, dark, grooved narrowly. Could this be be Capparis Cynophallophora L. p 157? Probably.

X

Thought poss. from odor to be Laurus
nobilis p141 B.M. of C.P. 295 No fl or fr.
Lvs alt. oblong or lanceolate to 3½ x 1¼
in. acuminate, acute at base. edge
very wavy. very dark green & shining
above, lighter green above (but not at
all grayish, completely glabrous through-
out. Twig bluntly angled below each
lf. Petiole ¼ in. A bud in every axil

? X BM of C.P 769
3-18-29 Cosmos sulphureus Cav p408
Fl & fr. no. side of rd at west ~~end~~ corner of
outside walford.
Pomander Walk. About 6 in high, glabrous
except that petioles are sometimes
sparsely ciliate. Lvs. opp. 1-1½ in x 1 in
divided narrowly thus:



Lobes all sharp
pointed, sparsely
& minutely ciliate

Petioles ⅜ in forming ridge around
not more than ½ or ¾ in wide
st. at base. Fls solitary, axillary. prob.
Peduncles 2-3 in. Bracts of 2 kinds
Outer green 8-10 linear ¼ to ⅜ in long,
stiffly ciliate (20X) spreading. Inner
alt with outer,
bracts about same number, a trifle
longer, erect. thin red with yellow
margins. ~~Petals~~ Rays about same number
(on one head all were 8) bright orange,
veined, lobed at apex & the edges sharply
folded inward & overlapping making
the folded ray 3 mm wide. X 3-21-29

~~buts~~ rays open in usual way this folded appearance was in bud (or half open)

Slightly hairy on veins (20x) esp the 3 principal veins i.e. down the middle of the back & on the 2 folds. Or perhaps ray should be called tubular & cleft almost to base. Has neither stamens or pistil.

Disk fls. 6mm long (above achene) of which 1½mm is ~~th~~ 5 triangular lobes, orange. Achene at anthesis 1½ mm long, seems glabrous (20x) with 2 slender, weak, downwardly toothed {awns bristles 4 mm long.

Anthers 2½ mm long, sagittate at base. At tip a scale like appendage 1mm long, pointed at ~~top~~ apex and ~~with~~ tubercle-like thickening at center of base. ~~Sh~~ Anthers brown-orange outside, appendage orange. Filaments slightly hairy. Pollen yellow; grains seem adhesive, and (84x) are ~~of~~ papillose.

(xx ~~Perhaps~~ this is in early stage only later styles protrude as is to be expected.)

Style tips reach to tip of ~~stam~~ anther appendage xx, divided 1/3 of length, the tips being slightly broadened with an awl shaped projection of 1mm. Receptacle chaffy with a scale embracing each disk fl.

Achenes (prob. not entirely ripe) 19mm over all the upper 9 mm being a very slender beak. Achene (& beak) bearing very minute upward pointing bristles. Achene blackish green with 4 slightly depressed nerves x Bristles had ~~fl~~ fallen from these maturer achenes, perhaps pulled off in carrying home.

x making achene rather bluntly (roundly) 4-angled.

Involucre bracts might perhaps be considered connate at very base.

See B. M. of C. P. p 752. This seems *not* Bidens because achenes *are* *beaked*. & *not* Coreopsis because achenes are not flat or incurved

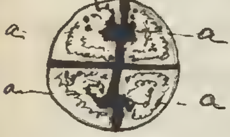
Possibly Cosmos but obviously plant & fl much smaller than C. sulphureus, Cav 408 & B M of C P 769 (which is only yellow cosmos in these two books) but agreeing with desc. as underlined. Perhaps a case of deterioration as in the garden Cosmos which I have seen run out with low plants & small fls. at home. But poss. Bidens ferulaefolia D.C. B. M of C. P. 769 as fl of B. ~~fern~~ pilosa studied 3-20-29 has many similar points.

Gerbera Jamesoni.
x one collected 8 in x 4 in, upper surface dark bright green softly pubescent with single straight hairs (not very close together) on pimplelike looking bases. Under surface lighter with hairs longer & curly. Petiole 8 in.

x

3-19-29 Gerbera Jamesoni, Bolus p408 & B. M. of C. P. 757. Fls. only from table boquet. Disk fls. strongly bilabiate, one broad lobe being 3 nerved & shallowly 3 ~~lobed~~ notched at apex, ~~teeth~~ curling outward, the other lobes narrow, of equal length & curling toward center of head. Anther ring 5 notched at tip but not cleft to pollen sacs. Anther long tailed. Style 1, stigma 2 lobed. Each tip of corolla lobe reflexed & minutely tufted. Disk fls seem infertile. Ray fls. also bilabiate with 2 tiny filimentous lobes in front. These 2 lobes not quite as deeply divided from each other as from the strap. Stamens of 5 filiments but no anthers. Stigma lobes smaller than in disk fls. But rays fertile. achenes pubescent. Pappus of many bristles with upward pointing barbs. Disk naked. 3-21-29 Plants observed at agri. stat. Lf with downward curved lobes like Prenanthes.x

3-18-29 Solandra guttata, Don. B.M of C.P. 661. From Denny. Same plant as 2-11-27. Ovary certainly looks 4 celled thus:



a being the point of attachment of masses of ovules

Lvs. 3½ × 1¾ in acute or obtuse. apiculate

3-13-29 Lycopersicon Lycopersicum, Karst p 338. B.M of C.P. 656 Paynters Vale

×

3-19-29 Gypsophila elegans, Bieb p 134 & B.M of C.P. 265 From table bouquet. Petals 3-nerved. Seeds rough.

×

3-14-29 Phlox Drummondii, Hook p 305. B.M of C.P. 617. Bot in Hamilton. Calyx with white scarious folds at sinuses. Style never more than 4 mm long.

3-13-29 Polymnia Uvedalia, L p 398 No fl or fr. Paynters Vale.

3-13-29 Borreria laevis, Griseb p 365 Paynters Vale or prob. Harrington House Fr. shows "the two carpels opening along inner faces" with the division erect like a little tongue between them.

3-13-29 Vicia #159 RBK.

Prob at Harrington House. Prob the same as 2-21-29 Agri Stat. Stipule lobe marked with large purple dot is roundish but awl pointed. Spec. pressed.

3-20-29 Ranunculus parviflorus, L p139 Portuguese path to Paget Marsh.

3-20-29 Pittosporum undulatum, Vent. Paget Marsh. Fl. (only a few as yet) and young shoot. Young shoot & ~~twigs~~ lvs glandular pubescent. Young lvs. clustered at ends of reddish twigs 2½-4 in long, the twig covered with decid-uous lf-like scales. Scales obovate or spatulate to 1 in × 5/16 in, concave & overlapping on twig, blunt at apex, nar-rowed at base, with broad, veined, mid-rib & transparent whitish, downy, glandular ciliate margins. Young lvs. crushed have sweetish lemon odor.

3-~~30~~20-29 Peperomia septentrionalis, S Brown p94. Fr. Paget Marsh. Fl showing ♂ the 2 stamens, ♀ but no "brush-like tuft" on stigmas, ovary being merely pointed at apex. Lvs (20X) show minute scattered black dots beneath, & a narrow, transparent edge which is partially revolute & can be felt by finger as a ridge.

3-~~30~~20-29

Vine Paget Marsh. No fr or fl. perhaps Lonicera japonica, Thunb. What seems to be young plants of this have some of lvs sinuate lobed. 3-21-29 Prob. L. japonica from house opp. Pomander Gate has lvs smaller firmer, less hairy, shorter petioled but general effect somewhat the same.

3-20-29 Chiococca bermudiana, S. Brown p362 Edge of Paget Marsh. Unripe fr. Lvs. with edges somewhat revolute, lateral veins not obscure.

3-20-29 Bidens pilosa L. p 402 Fr & fl. Valley Way. St 4-angled with grooves on 2 opp. sides alt. with nodes. Pollen (84x) papillose like pollen of unknown composite of 3-18-29 ~~Perhaps however Bidens ferulaefolia DC. BM of CP 769 as fl. of B. frondosa the studied 3-20-29 has many points in common.~~

3-20-29 Borreria laevis, Griseb p 365 Portuguese path to Paget Marsh. Fl. white with pinkish tinge to tips of lobes which are slightly hooked inward. Limb hairy outside & very hairy inside. Filaments attached at sinuses 1 mm long i.e. ½ length of lobe. Anthers white

3-20-29 Parthenocissus quinquefolia, Planch. p 229 Paget Marsh. No flr fr. St. bears dried tendrils with "terminal --- expansions" but in no case where these clinging to the support as is the case at home. (H.N.)

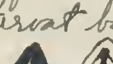
3-20-29 Cissus sicyoides L p 229. No fl or fr Paget Marsh. Tendrils opp lvs. but not every lf.

× #187 N.Y.B.G.

3-21-29

Agri. Station labeled "Mussaenda frondosa" but obviously not that or Rubiaceae at all. See B.F. of B. p 370 & Le v M 486 Shrub in border so. of dwelling & east of big Ficus elastica. About 3 ft high with slender twiggy branches spreading from base. Lvs alt. crowded, exstipulate ¾ in x ¼ in rhombic acute or obtuse

Mid rib evident on both surfaces but other veins very obscure

at apex, narrowed to acute sessile base, widest above middle, upper half sharply dentate, lower entire, margin ciliate, surfaces glabrous dark green above, lighter below, both surfaces (esp the lower) with ~~[illegible]~~ minute white glandular(?) dots (20x) Fls. 1-4 (when 3 or 4 usually some buds within unopened) in each axil on slender peduncles about 3 mm or less long. Calyx parted to base the lobes linear 3mm - 5 mm, the anterior ones the shorter, glandular ciliate. Corolla white gamopetalous, 9 mm long lobes as long as tube, regular except that the 2 posterior lobes are a little less deeply divided than the others & curl back a little more strongly in full anthesis when fl is 10 mm wide. Stamens 4 not didynamous (with (1 case out of 10 fls studied) sometimes a more or less developed posterior staminode) alt with corolla lobes. Filaments attached near base of tube. Anthers white, visible in throat but not exerted, shaped thus  with pt. of suspension at sinus. Ovary superior 2½ mm long, 2 celled with ∞ ovules on axile placentae, the division bet. cells being in anterior-posterior line of fl. Style shorter than filaments. Stigma a 2-lobed thickening of style, white, projects slightly beyond anthers but ~~not~~ scarcely if at all exerted.

Corolla in bud has posterior lobes outside of anterior ones.

Perhaps (probably) ~~Scr~~ Scrophulariaceae

Twigs collected for study have scattered hairs & what seems (20x) like possibly minute glandular dots.

4-15-29 Studied again. Unripe seeds are oblong & shows signs of seed being roughened & pimply.

X

3-21-29 Cassia ——————

Agri Stat. tree 15 ft in open space
so-east of dwelling labeled
"Cassia nodosa = Joint wood"
but not this as desc B.M. of C.P. 423-4.
Trunk grayish with tight ~~shed~~ skin
almost smooth but ~~fr~~ for vertical
cracks. Lf & fl. scars prominent
so that twigs are knotty. Limbs
long wand-like with leafy
~~great~~ growth mostly at ends.
Young shoots minutely hairy
Lf. to 6 in long, evenly pinnate
with 5-9 pair of lfts. Rachis
pubescent (esp when young) with
2-4 stalked glands bet. lower
pairs of lfts. Some of these glands
sometimes appear to be below
lfts but this may be because
lfts have fallen. Lfts glabrous except mid-rib beneath,
oval, entire, only slightly ~~inequi-~~

inequilateral at base, rounded at apex. To 1¾ x ¾ in, the
lower ones about 1¼ in long. Pedicels
2 mm. Fl yellow in short
racemes (Raceme collected is
compound by having one branch)
Peduncle 1¼ in, pedicels 1 in.
Peduncles, pedicels, 2 ext. ~~calyx lobes~~ sepals,
bracts of infl. hairy. Sepals ciliate.
Petals more or less hairy on veins outside.
Fl 1½ in across widest part. Filaments
stout, short (1 mm in front 2 mm
behind. Stamens (some very rudimentary)
10 or less. Ovary curved pubescent.
Calyx so deeply lobed that no "tube"
is evident, yellowish green.
Evidently not in B.M. of C.P. 423. Could it
be C. siamea, Lam B.F. of B. 173.
4-15-29 Same tree Infl at end of branches
consisting of about 10 racemes close together
each in axil of lf. Each raceme no longer
than subtending lf i.e. 4-6 in.

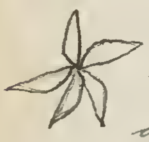
X

3-21-29 Pedilanthus tithymaloides
Poit p219 & B.M of C.P. 454. Fl. Agri. Stat.
west of office. Fl. Mid-rib very distinctly
& sharply keeled (compared with
P. latifolius growing near by) but not
noticeably dentate. Lvs bordered &
blotched white (reddish blotches may
be disease) Involucres in dense
heads, bright red. Each involucre
½ in (longest dimention, ciliate on some
parts of margin. Some of anthers ciliate

3-21-29 "Dombeya Wallichii = Pink Ball
Madagascar" labeled. Agri. Stat.
open space so-east of dwelling. Fr. & young
lvs. See 2/5 & 2/22 1927 and B.M. of C.P. 498
Fr. ~~at~~ axillary, umbel on long peduncle
Lvs 7-veined, very heart shaped, slight-
ly 3-lobed, pubescent, bronze color
(perh young growth.

Pedicels, sepals & capsule densely, rusty
stellate pubescent. Capsule ⅜ in.
high 5 angled loculicidally dehiscent
into 5 valves. Cells seem 2-ovuled or
possibly in some cells more than 2.
Infl. is however an umbel not a
"dense head" Shrub perhaps 5 ft high

3-21-29 Carissa grandiflora, E. Meyer
p 295 & B.M of C.P. 605. Hedge in front of
King Edward Hospital. Fl. Style short
2 mm. Limb of corolla thus:



Tube hairy inside.
Pollen white, ~~smooth~~
adhesive, grains smooth spherical
(84X) Corolla lobes overlap clockwise
in bud with the straighter edge
outside

X ?? p.168 Not in B.M. of C.P.

3-21-29 "Chrysobalanus pellocarpus" labeled Agri. Station no. of entrance to dwelling. Shrub 2½ ft Fr. Lv alt, obovate 2¼ x 1½ in. entire, obscurevenulate very thick & stiff, glabrous dark green shining above, paler below. Apex rounded, narrowed at base, petiole ½ in. ~~close~~ Mag. of 20x shows dense reticulation of whitish veins, looking like mosaic below. Inferior fr ¼ in x ¼ in, drupe with thin covering, seed ascending But ovary looks inferior as there is flat circular mark at apex with remains of style in center
Pedicel bears marks of 2 small bracts (not opp) but no signs of calyx
Pedicel slightly hairy. Seed splits into 2 halves
Without the label I would have thought this perhaps

Raphiolepis integerrima, Hook & Arn ~~see~~ p166 & B M of C.P. 377 which it is
See 4-15-29.

3-21-29 Aechmea polystachya, Mez.
Fl. Agri. Station. p66 & B.M of C.P. 145.
~~B~~ Desc of 2-15-27 applies. Fl bracts (if by that is meant awl-pointed pocket in which fl. sits) ~~is~~ by no means exceeding the calyx neither are they minute. These bracts are not clearly distinct from rachis but appear as swellings in skin of the thick rachis alt but overlapping ~~thus~~: i.e. the base of one on left side is below tops of one on right side. Bract is ¼+ in high. Calyx ~~protrudes~~ with ovary below protrudes ½ in above it. Bract & calyx bright red, Corolla bluish protrudes beyond calyx.

3-21-29 "Tabernaemontana coronaria" labeled. Agri. Stat. No flo. fr. L of the same as shrub in B.V. garden studied 1-25-27. p 294 & B.M.J.C.P. 606.

3-23-29 Sansevieria guineensis, Willd p 72 & B.M.J.C.P. 168. St John's Churchyard Fl. Tube 3/8 in., segments 3/4 in. Style 1 5/16 in. Anthers reach almost to top of perianth lobes & hence as lobes spread show as exserted. Lvs to 3 ft. Fl scape prominently scaley. Fls, raceme in groups of 2-3 subtended by small scale.

A bud studied was abnormal having 8 perianth lobes, 9 stamens style & stigma distinctly 3 lobed & ovary irregularly more than 3-celled.

3-23-29 Centranthus macrosiphon, Boiss Fl. St. John's Ch-yard. p 374 & B.M.J.C.B. 730

3-23-29 Physalis peruviana, L p 335 & B.M.J.C.P. 657 Fl & unripe fr. Hanging over wall rd from Hamilton to Grassmere. Same desc as 2-3-27. Anthers bluish green, corolla hairy esp on edges & inside at & below throat.
"Cape Gooseberry" pointed out 3-11-29 by Mrs Allen Smith at Miss Gray's Rock Garden.

3-23-29 Jasminum humile L p288 & B.M. of C.P. 595. Fl. Grassmere Hotel. Shrub stands without support.

3-23-29 Babiàna stricta, Ker See B.M. of C.P. 195. Fl. bot at Little French Shop. But not altogether like desc. Infl. branched each branch subtended by long accuminate bract Fl. sessile each subtended by hairy accuminate bract which subtends also two smaller lateral bracts which are hairy, accuminate & scarious margined. Tube narrow, ½ in long, slightly curved widening at top, lobes regular, the 3 inner lobes wider than the 3 outer, somewhat ruffled (as outer are not) and less gradually tapering to base All lobes blue more or less mottled white but the upper inner lobe (or sometimes more than one of the inner lobes) with more definitely white center. Stamens 3, not markedly declined (tho usually the anthers appear all at one side of stigmas), rising from throat opp. the outside lobes. The style 3 branched, the branches flattened, ~~fringed~~ ciliate & more or less irregularly split or lobed at ends. Ovary hairy, 3 lobed, 3 celled, ovules many. Stamens & style all blue.

3-23-29 Tamarix gallica, L p 244 & B.M. of C.P. 306. No fl. or fr. Grassmere. This is the common T. of Bermuda & the only one in B.F. of B. but differs from desc in B.M. of C.P. Lvs. not "keeled" nor "scarious margined" (20 x) Young Sts & lvs. punctate (20 x). Lvs to 2 mm. long

X.

3-23-29

Mint family. Herb. No flor fr. Bet Hamilton & Spanish Pt. or from Spanish Pt. to Ducking Stool. Stag. Lvs sessile or very nearly so. Lvs. oval 1 x 3/4 in., crenate-serrate, obtuse, rounded or sub-cordate at base, rugose-reticulated St. & lvs (esp beneath) densely white wooly but not viscid. Might be tho't Marrubium vulgare L. except that BM of C.P. p648 says "Lvs narrowed to a petiole". Perhaps Mentha rotundifolia Huds. p330 altho more wooly than desc. & not viscid

3-23-29 ?? Magnolia grandiflora, L p136, BM of C.P. 291 No flor fr. St. John's Churchyard. Lvs alt with scar around twig as though of sheathing stipule. Lv 7 x 2 1/4 in., oblong tapering both ways entire & slightly

revolute. Dark green & shining above, lighter & mostly glabrate beneath with only slight trace of the rusty brown tomentum found on a few lvs. Petiole 5/8 in

3-23-29
Oak in St. John's Churchyard in fl (not collected) is prob Quercus Robur, L. p97.

3-23-29 Acrocomia aculeata, Cork Tree observed in St John's Churchyard.

3-23-29 Parietaria floridana, Nutt- p106
Fl & young fr. Fls ☿ or ♀

X

3-23-29 Hordeum sativum, Jess p40. Fl Unripe fr. North rd past bet. Admiralty House & Ducking Stool. See B.M. of C.P. 117. Collars with large accuminate auricles.

X

3-23-29 Chaetochloa geniculata, Millsp & Chase p 23. Prob near Admiralty House. Gen. effect differs from C. viridis in keeled lf sheaths & square corners at collars. Sheaths over lap ~~at~~ on lower part of plant & the whole has a stiff upright effect. Lower lvs purplish. Culm somewhat compressed, finely ridged with a pair of ridges on opposite sides further apart than the others. Rachis & culm just below infl. pubescent.

3-21-29 "Turnera ulmifolia" labeled Agri Stat. by door of offices. Fl. observed not collected. Lf veins reddish above. p 247

? X

3-21-29 "Swieténia macrophylla" labeled. Lvs even pinnate. Lfts falcate, the upper side broader than lower. Veins prominent yellow. Tree observed Agri. Station, so of entrance to dwelling

#186 N.Y.B.G.

X ?

3-24-29 Silene

Fl. Rd to Inverurie tiny house so side of road near foot of long hill. 1 3/4 ft high the lower 3 in being decumbent Glabrous glaucous. Lvs opp, ovate to 2 1/2 × 1 1/4 in acute, sessile, subcordate & somewhat clasping at base, glabrous, glaucous Mid rib distinct & somewhat flange like, the lateral nerves obscure, usually 2 on each side starting from base but soon coarsely netted. Lower lvs. spatulate tapering to sessile base. Upper lvs look entire to eye but (20X) are ~~slightly~~ very low fine toothed. Lower lvs very finely low toothed ~~even to eye~~ barely visible to eye.

Infl. cymose (compound cymes) Calyx naked at base, inflated ½ in diam & almost as high, slightly narrowed toward top, glabrous, glaucous, Nerves not conspicuous, 10 principal ones & often intermediate ones. Teeth 5, broad based, broad acute at tip, ⅛ in high. Calyx margin whitish, short-ciliate (20X), each tooth with dark tip (20X). Petals 5 on long claws which at base for distance of 2 mm unite with base of the 5 stamens around ~~the~~ & with the stalk that supports ovary. Petals ¾ in over all, claw widening toward top & lobed on each side at base of blade, 3-nerved. Blade ⅛-3/16 in ⅛ in wide, deeply 2 cleft, margin ~~somewhat wavy~~ not quite entire, with 2 small lobes at base but petal not crested. Blade rose tinged at tips & on back. Veins on back greenish. Stamens 10, undeveloped. 5 alt with petals the bases of filiments adherent to claws for 2 mm. 5 opp petals filiments adherent to claw 1 mm above point where it becomes free. Styles 3, ⅝ in long, separate to base, stigmatic at expanded tips and in very narrow line down inside to base. Ovary ⅛ in, glabrous & shining, dark purple & green. Ovules many, on central placenta which seem ~~[illegible]~~ joined to wall in 3 lines. Ovules reticulated. Fl open at throat so that ovary is visible.

3-21-29 Iberis umbellata, L. p155 & B M of C.P 313. From bouquet on table.

3-20-29 Myrica cerifera, L p96 Poyet Marsh ♂ fls. Filiments united at base giving branched effect.

3-21-29 "Ficus ~~begla~~ benghalensis", L labeled Agri Stat. Fr subtended by 3 semi-circular bracts of unequal sizes. Lf. 5 nerved from shortly above base.

3-21-29 "Ficus elastica, Roxb labeled. Agri Stat. ~~Brg~~ (a) ~~Fr~~. Very young fr. only ♀ fls found, some ovaries still bearing style. (b) from same tree ♂ & ♀ fl.

? #132 G.H.
3-23-29 Geranium carolinianum, L p191 Lf like ill. St, & petioles pinkish green, pubescent with straight white hairs appressed with tips downward. Hairs very thick, less closely appressed but pointing downward at top of petioles. Lvs 2 in long x 2¼ wide. Pubescense, scattered above & on the nerves beneath, Lf. ciliate. Lf-hairs pointing upward. Basal ~~pedicels~~ petioles 8½ in, upper petioles 3½ in. Each lobe of lf mucronate with short brown-glandlike tips (20x)
Peduncle of 1st & only fl out 1⅜ in, pedicel almost ¼ in. At top of peduncle 4 linear lancerlate bracts ⅛ in long & in axel of one of them what appears to be sessile apetalous fl (perhaps rudimentary) Sepals 5 mm long (1 mm being awl tipe) ovate, 3 nerved, pubescent but not glandular (See 3-12-29), hyaline edged and long ciliate (See 3-12-29) Petals pale rose 4½ mm. slightly

ciliate on claw, 3-nerved at base,
some of nerves branching. Ovary
densely pubescent (see 3-12-29)
stamens of unequal lengths, reaching about
to tips of stigmas. Buds in rather dense
heads but as far as seen are in 2's on
the peduncles. Bet. Hamilton & Spanish
Point.

?
3-20-29 Casurina equisetifolia L
p 93 & BM of CP 221 ~~S~~ No. Rd. beyond Inverurie
♂ fls. This is prob. the common C. in Bermuda
but 13 teeth counted on each of 2 joints
Each stamen has deciduous scaly
cap (either 1 or 2 scales) which falls
at anthesis and at base of filament has
2 lateral scales (these prob. the perianth)
these are 3-lobed at apex the middle
lobe longer & ~~pointed~~ acuminate.
Fr. (collected 3-1-29 Ivy Cottage &

3-9-29 St Georges Public Garden)
is about 1/2 in diam, scales pubescent,
Internodes almost 1/2 in. &
and have ridge on back, at one side
of the center which might be called
a keel.

3-20-29 Scirpus validus, Vahl p 48
Fl. Paget Marsh. Scales hyaline & ~~fim~~
lacerate on margins. Basal sheaths of
culm reddish brown.

3-20-29 Dichromena colorata, A.S.
Hitchcock Paget Marsh. Dried remains
of old fls which seem not to have
matured.

Prob.
2-28-29 Canavali lineata DC. p 185
Fr. of on this day near Port Royal Cove.
Pod 4 1/2 in x 1+ in. Thick & 5 ridged on

edge to which seeds are attached, 3 ridges close together and one more distant on each side. Seeds 6-7, 5/8 in long, mole-brown mottled lighter, each wrapped & isolated in papery lining of pod.

X

3-21-29 "Jatropha podágrica" observed labeled Agri. St. Fl. p 211. St 2 ft high, 2 in diam at base, about 1 or 3/4 in at top, branched with similarly thick branches. Lvs too young to observe. Fl. bright scarlet in flattish infl. Peduncles to 8 in long, stout. Pedicels short if any.

X

3-21-29 "Cassia grandis = Pink shower" labeled Agri St. Young tree in open space so-east of dwelling. No flo, lvs just appearing. Observed.

3-21-29 "Hyophorbe Verschaffeltii from Mascarene Isls" labeled Agri. Stat. no. of entrance to dwelling. Palm, lvs pinnate. No flo fr. Observed.

3-21-29 Dwarf nasturtium in fl with lvs variegated white & green.

3-21-29 "Felicia an ~~annual~~ "annual" labeled Agri Stat. Border by green house. Fl. composite with blue rays & yellow disk.

X

3-26-29 Excaecaria bicolor, Hask p 220
Fl. p 207
Rosemont. St & lvs absolutely glabrous, very smooth to touch. Lf to 6 x 1 7/8 in

♀ fls below & 1 ♂ above

Petiole 1/4 in. # Fl in short (spec studied 3/8 in raceme× (or spike if the 2 mm stalk which bears ovary or stamens is part of fl & not a pedicel) Stalk bracted at base with 3 bracts, anterior bracts broadly triangular, not quite entire, sharp point with conspicuous green gland at each basal corner, the two lateral bracts similar but narrower (lanceolate) with 2 similar glands

In ♀ fl.
Ovary seated in 3 lobed perianth. Lobes triangular with irreg. toothed brownish edges. Ovary 3- ~~celled~~ lobed, 3-celled with 1 pendulous ovule in each cell. Styles 3, stout, simple, recurving

♂ fl just the same but in place of ovary 3 stamens, filiments very short, anthers relatively large, 2 celled

Sapmillay.

×
3-26-29 Salvia

Fl. Ros~~mont~~mount. Plant at least 2 1/2 ft high. One of lower lvs. 2 1/2 × 1 3/8 in, ovate or almost deltoid (with mid rib somewhat curved) acute, slightly cordate, 3 nerved ~~[illegible]~~. Bluntly & irreg. serrate, reticulate. Softly pubescent above & beneath. Petiole 1 in, pubescent. Upper lvs 1-1 1/4 in similar, petiole 1/8 in. Infl 8 in, whorls 1-3/4 in or less apart with 9-13 fls (counting all buds) in whorl. Each whorl subtended by 2 white, deciduous bracts. Bracts 7/16 × 3/16 in ovate, lanceolate, long accuminate at apex, narrowed to base 1/16 in broad, pubescent ~~above~~ beneath, glabrous ~~beneath~~ above, long ciliate, veined. Calyx green 3/8 in long, {many ribbed 3 lobed, sharp acute or short accuminate pubescent (looks glandular pubescent but this may be from pollen) Glabrous inside. upper lips entire

Corolla pure white 1 in long with

stamens & style protruding almost 3/8 in more. Lip 3/8 in ~~tu~~ deep and 5/8 in broad, almost cleft at apex, edges shallowly lobed with distinct rounded short lateral lobe at ~~ba~~ each side of base. Pubescent on tube & back of upper lobe. Glabrous inside. Upper lip notched
Pedicels to 1/8 in hence shorter than calyx
Anterior portion of connectives deflexed, linear, rounded but not expanded at end.
N.B. B.M. of C.P. p640 "S. coccinea, L has fls varying to white."
This spec. corresponds closely with S. coccinea as desc. B.M. of C.P. & B.F. of B. 326 & very likely is this.

3-26-29 Annona squamosa L. "Sugar Apple" by Mr. Allan Smith. ~~Montrose~~ Rosemont Observed tree not 5 ft high ("had borne one fr.") & collected lvs. p137 & B.M. of C.P. 294 Simple alt lvs on wand-like branches looking almost as tho' compound, the branch having marked zig-zag effect. Lf oblong to 5½ x 2 in. entire dull above, beneath glabrate with few brownish short hairs on veins Petiole ½ in.

3-26-29 Poinsettia pulcherrima, Graham p218 Rosemont "double form". Red floral bracts well & copiously developed and lasting much longer than the "single forms" from which they had fallen by the end of January. Fl. involucres often not formed but when they are, are ~~incomplete~~

incomplete, showing the large yellow gland but no developed floral parts.

3-26-29 Thunbergia erecta, T. Anders. p 355 B.M of C.P. 699. Rosemont. Fl. St. sq. slightly winged at corners, enlarging at nodes. Young twigs (20x) purplish, densely hairy at nodes and edges minutely barbed upward (this not evident to eye or touch) Lf 1 3/8 x 3/4 in, ovate, acute. Tube white outside yellow inside Gland-pubescent outside. Calyx glandular. Calyx teeth (some smaller than others) 19-15-17 Anthers hairy at base & along edges Stigma characteristic form i.e. 1 blade erect with edges together the other horizontal.

3-26-29 Spirea cantoniensis, Lour. p165 & B.M of C.P. 360 Fl. Rosemont. Fls on ends of leafy shoots and as stem may be naked below them to 5/8 in (except for tiny scales) have effect of being in corymb. Peduncles arising from near same pt., slender 3/8-1/2 in each bearing 1-3 small, ciliate scales, Lvs 1-1 1/2 in. but low serrate only at tips for about 1/3 length. Bud scales (persistent at base of young shoots) brown ciliate Fls double, no sex organs.

3-26-29 Iris Xiphium L. B.M of C.P. 193 Fl. ~~Mont~~ Rosemont. Basal lvs to 28 in x 3/8 in Fls purple-blue, falls with yellow band down center to middle of blade. Haft purplish tinged, blade ~~th~~ clear blue. Standards purplish. Foliage grayish green, lvs silvery inside, the basal ones lax, concave, the upper deeply grooved (or keeled) & long acuminate, grasslike

BMJC.P196

3-26-29 Sparaxis tricolor, Ker

Fl. Iridaceae St, stout, distinctly zig-zag, bearing at each angle (each section 1-3/8 in long) ~~2 bra~~ a spathe of 2 bracts, 1/2-~~5/8~~ 3/4 in long, thin, papery, crinkly. The outer & slightly longer irreg toothed on margin, the inner distinctly 2 toothed at apex & otherwise irreg. toothed. Bracts nerved & the tan background copiously marked with vertical maroon dashes & dots

Fl sessile, Perianth 1 1/4-1 3/8 in overall, the lobes being about 7/8 in. Tube narrow at base, & about 3/16 in then expanding funnel form, the top of tube reaching to top of ~~bracts~~ spathe-bracts. Fl, 1 1/2 in diam. Perianth seg. red, darker red below with 2 lobed yellow spot below - a continuation of the yellow of tube.

In bud & when fl first opens the stamens surround the style i.e. one style branch bet. each stamen. In older fl the stamens seem to draw to one side.

Filiment attached to tube at pt. where it begins to expand, 1/4 in long, flat radially, anther 1/4 in basifixed, opens extrorsely Style flat, 3/4 in long, 3 divided for 1/8 in Tips of anthers reach to tips of styles. Stigmas as tho oblique cross section of a tube somewhat flattened, ciliate on margins. Ivy Cottage

3-26-29 Ixia

Fl. Iridaceae, Ivey Cottage. St without the marked zig-zag effect of above. Fls 3/8-1/2 in apart. The 2 spathe-~~valves~~ bracts at most 3/8 in, green below, hyaline & pinkish brown above, ~~but~~ the outside one truncate & not toothed, the inner with 2 distinct sharp teeth other-wise entire Fl sessile 1½-2 in diam. Perianth 1 9/16 in overall. Tube ½+ in, very slender expanding only at very top, almost entirely exserted from spathe. Perhaps curving slightly. Perianth lobes ½+ in wide white with rose spot at base & stripe of rose color outside of 3 outside lobes. Stamens around style when fl. opens i.e one bet each style branch, latter are found at one side. Filaments ~~fixed~~ attached at top of tube, filaments bluish at base. 3/16+ in long, concave inside, convex outside anthers ¼+ in long, basifixed, extrorsely dehiscent. Style very slender, 3 angled, 3-cleft ⅛ in from apex the curving branches slightly below anther tops. ~~Styles~~ Stigmas like above but ~~not~~ less ciliate on stigmatic edges and splitting slightly at apex but prob not to be considered "2-lobed or 2-parted"

"

B M of C.P. 190

3-26-29 Ixia

Fl. Iridaceae. Ivy Cottage. Prob same genus as above. St. more slender & even straighter than above, hence the flo stand more at angle with stem (instead of against curve of stem) and seem further apart but really are but little so if at all. Spathe bracts 3/8 in. green below, hyaline above, nerved the out blunt tipped, the inner with 2 short sharp teeth. Perianth 1⅛ in overall Tube 1+ in long, slender, but widening slightly for upper ⅛ in. Fl 1¼ in wide lobes ¼ in wide Rose pink outside, lighter within Stamens & style much as above and stigma dorsal lobe slightly notched at apex.

3-26-29 ×Linaria
Fl. Ivy Cottage. See B.M. of C.P. 675.
Quite glabrous. Prob about 1½ ft high.
Lvs linear, concave above, to 2¾ × ⅛ in (on spec. col. upper part only), smaller on branches. Infl. a raceme. Pedicels 6-9 mm, calyx about 5 mm, ~~[illegible]~~ Spur 15 mm, slender pointed, rest of corolla 10 mm.
Pedicel subtended by linear bract about 4 mm rose tinged at base & on bordering edges and sparsely glandular ciliate, calyx lobes similar.
Corolla lavender pink to almost white, bright burnt orange where {tip lower jaw {palate closes fl., shading to yellow along the ridges (esp. forward)
Corolla ~~pubescent~~ bearded on edges of mouth esp. lower edge and with 2 yellow bearded lines extending from tip of lower jaw down throat.
Throat otherwise whitish as is spur. Spur straight and (2 days after picking) oblique or almost horizontal to st. Corolla 15 mm across back to front, the upper lips 2 parted for depth of 5 mm, lower lips about half as deeply 3 notched
Bases of filaments & ~~style~~ slightly hairy.
Base of style & ovary slightly glandular pubescent. Stigma consists of 2 upright horns.
This corresp with none species des. perhaps L. tripartita but spur is straight and 1½ as long as rest of corolla
Ovules deeply transversely ridges. Young seed pods slightly emarginate at top with one lobe more prominent

than the other. 4-6-29 at Garden Club Miss Moncure Robinson says a Linaria prob the same as this is L. maroccana

#190 R.B.K.
3-26-29 ~~Ch.~~ Calendula officinalis, L BM of C.P. 781 Fl. Rosemont. Some normal but several proliferous.

3-26-29 X
"Nut-grass" Ivy Cottage Most in flower yet. to 8 in high, basal sheaths brownish in effect, being nerved brown or deep carmine. Lf sheath closed being hyaline, & edge at top straight, horizontal entire. Only basal lvs on these specimens Lvs ⅛ in wide, linear accuminate glabrous, the outer ones entire, inner ones with low sharp teeth (20 X) on edges & mid-rib beneath & 2 lateral nerve-ridges above.
Plant grows directly from underground tuber or connected to tuber by scaly ~~st.~~ underground st. 1-2 in long or tubers connected by runner 3 in long.

3-28-29 Calendula officinalis L p408 & ~~Bot~~ BM of C.P 781 Table bouquet. Plant & its parts glandular hairy & clammy to touch. Rays hairy at base & achenes (at least when immature) hairy on rough back. Ray ~~pistils~~ stigmas linear 2-divided, fertile, disk ~~pist~~ stigmas almost capitate (poss. 2-lobed indistinctly) ~~Anthers~~ sterile. Anthers distinctly sagittate. ~~but not long tailed~~

3-28-29 Chrysanthemum carinatum, L. Fl from table bouquet. p406 B.M of C.P. 758 Rays white, yellow at base. Disk fls purple each of 5 lobes with flattish appendage at back of tip making it look pouchlike

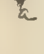
3-28-29 ? Gaillardia pulchella. Foug. p 407 & B.M.J.C.P. 780 From table bouquet. Fl stem hollow, finely striped purple & green, grayish from close appressed pubescence. Anthers as sagittate as in Calendula Officinalis. Style branches appendaged. Lobes of disk fl. very hairy outside

3-28-29 Rosemary Officinalis, L p 327 & BMJC.P 636 Fl. Southlands. Upper calyx lobe 3 nerved the middle nerve ending in blunt point but lobe not even "very shortly" 3-toothed. 2 minute staminodes. Pubescence wooly stellate

3-28-29

Malvaceae - Fl & Fr. Southlands.
Prob shrub & prob 3 ft or more. Only tip of branch 4 in long collected. Green st. finely glandular pubescent & also covered with long white spreading hairs. Lvs alt., small stipules deciduous. Lf (largest collected) $2\frac{1}{2}$ in x $1\frac{5}{8}$, broadly ovate, ~~taper~~ 5 nerved, cordate with narrow sinus long tapering to ~~apex~~ blunt apex irreg. crenate. Petiole $\frac{3}{4}$ in, pubescence like st. but somewhat starry. Lf scattered starry pubescence above & thick starry pubescence below. Fl. solitary, axilary on peduncles $1\frac{1}{4}$ in long, jointed $\frac{1}{4}$ in below fl with pubescence like petiole Involucel none. Calyx $\frac{1}{2}$ in high, deeply 5 lobed, closely starry pubescent, persistent; Lobes ovate, accuminate, entire, pale green. Calyx somewhat angled at sinuses. Fl upright Petals 5, rich yellow, obovate $\frac{3}{8}$ in long x $\frac{1}{2}$ in broad, nerved, glabrous,

slightly crenate at apex Fl 3/4 in diam. Staminal tube adherent to base of petals, anther bearing to top. Styles 10 united below at very base, stigma capitate, crimson. Ovary densely pubescent, 10 celled, ovules 5 in each cell. Fr 1/2 in high x 1/2 in diam composed of 10 carpels which ~~open~~ dehisce before falling apart (if ever they do fall apart) dark with spreading tawny stellar pubescence. Inside dark (almost black) & shining. Rt. angled or slightly beaked at upper outer angle. Seeds attached on comparatively long stalks to apex of central column (not to walls cells) 5 in each cell, dark reticulate & with short scatter - perhaps stellate - hairs. About 2 1/2 mm long & wide



skull shaped. a being pt of attachment

Not in B.F of B. or B.M. of C.P. but very like desc. of Abutilon. 4-11-29 Same shrub largest lf. 4 x 2 1/2 in, petiole 1/2 in

3-28-29 Reseda alba L. p 157 & B.M of C.P 315 Fl. Southlands. Lvs very deeply pinnatifid into about 13 linear segments the terminal one much the longest, with very low teeth (20x). Fls. in racemes, pedicels & subtending bracts being 5 mm. long: Calyx lobes and petals 5, carpels 4, stamens about 12. Petals white, cuneate, 3 lobed at apex & abruptly expanded at base this expanded part being ciliate Disk somewhat 1-sided and ciliate on one side only but stamens not on one side only of fl. Ovary 1-celled with many ovules on 4 parietal placentae.

3-28-29? Ligustrum coriaceum, Carr
p 290 & B M of C.P. 594 Fl. Smithlands.
Shrub. Twig collected. Bark silvery
brown with conspicuous white,
wart-like lenticels which are split
down the middle (20x) Lvs. opp. oval,
1½ × 1 in, very thick, coriaceous, entire rounded at
apex & base, revolute, punctate with depressed dots
above & more thickly so beneath.
Petioles 3/16 in. Lf. yellow green above,
light below. edges revolute. Veins
depressed above, lateral veins being few
far apart and at _wide_ angle with
mid-rib. No lateral veins visible or only
obscurely so beneath.
Fl in dense panicle 1½ in long. Rachis
pinkish, close pubescent & angled.
Fls. sessile (or perhaps on _very_ short pedicels) in groups of 1–4 each
group subtended by a white, brownish
pinked tipped, ciliate bract 2 mm
long, ~~linear~~ lanceolate but very
concave & not sharp pointed. Each fl
bracted by 1 (or perhaps more) minute
bract. All these bracts fugaceous.
Calyx 2 mm long very shallowly &
obtusely 4 toothed. Corolla tube 5 mm
its 4 lobes 4+ mm. The twig collected
bore its _infl. not terminal (the tips
seem withered) but in axil of 1st
lf. below tip._
Another twig collected had 1 fr terminal,
unripe 7 mm high × 5 mm diam
2 celled, with 2 seeds in each cell.
Fr apiculate at apex, with persistent
calyx at base ~~and~~ *x below the flattened
lobes of which is a stout stalk of 1+ mm
which is either calyx tube or pedicel
Could this be L. japonicum Thunb.?
Corolla lobes distinctly valvate, in fact (See
B.M of C.P. 592 which says in Ligustrum
they are imbricate) the reflexed lobe
of open fl still showing the concave tips.
Corolla thick the outside of its lobes punctate.

X

3-28-29

Southlands. No fl or fr. Lf from shrub, tho't when collected to be same kind as above, 2 3/4 x 1 1/2 in, ovate, broadly ~~acu~~ acute & minutely apiculate at apex, base ~~somewhat~~ more acute than apex, entire somewhat revolute. Less thick & stiff than above. Rich green ~~above~~ (not yellowish as above) on upper surface with blotches of lighter green along mid-rib. Pale beneath (but not as yellow as above) Veins somewhat blue above but less markedly so & lateral veins evident beneath. Punctate above & beneath just like above. Could this be L. lucidum, Ait B.M. of C.P. 594? 4-11-29 These seem to be from same shrub 10 ft high. Bark warty young twigs dark red. Stems even to 1 in diam are very lfy. Infl. terminal with lowest branches of panicle in axils of lvs.

X

3-28-29

No fl or fr. Twig collected. Perhaps Elaeagnus pungens Thunb. B.M. of C.P. 529 Southlands.

3-28-29 Lonicera sempervirens, L p372 & B.M. of C.P. #726 Fl. Southlands Lf (on fl twig) 1 1/2 in x 3/4 in sessile, the upper pair connate, perfoliate. Fls in 2 whorls of 6. Tube 1 1/2 in, slightly gibbous at base in line with the 5th separate lobe, enlarging gradually to point about 5/6 of way to throat i.e. 1/4 in below throat where stamens are inserted showing on outside the points of insertion of the 5 stamens. Limb almost equally lobed but slightly 2 lipped in that the 5th lobe is slightly ~~more deeply~~

deeper and separated from the other 4. Just possibly L. Brownii, Carr. BMJC.P. 726. Ovary 3-celled.

3-28-29 Psidium Cattleyanum, Sabine. Buds Southlands. Called "guava" by Mr. Morgan p 263 v BMJCP. 538. Green twigs closely pubescent. Scales on them, very young bronzy lvs & the thin edge of calyx lobes ciliate, otherwise glabrous. Calyx lobes & petals 5 in 2 buds studied. Ovary 8 celled. 5-9-29 Fl. Southlands
4-11-29 Southlands Shrub 4 ft. Trunk brown & smooth not unlike Pimenta.

3-28-29
Mrs. Allan Smith says the sun fl. like plant found in seed in Jan. & pressed is "Mexican Sunflower.

X: Chalcas exotica Millsp. p 202 BMJCP 444
"Citronella or Barbados laurel" a shrub pointed out by Mrs. Allan Smith.
(Could this be Lippia micromera, Schau. p 312)
(Not collected! no see 4-11-29
"~~Sissel~~" 4-11-29 Twig from same shrub (~~as mentioned~~) collected. No flr fr. Shrub not more than 5 ft if that. Bark pale. Twigs slender, green, rough with warts, puberulent with short upward arching hairs. Lvs alt. to [illegible]
Lfs to 1 3/16 x 7/16 in, oblanceolate, cuneate at base, widest above middle, the upper part very indistinctly crenulate, the lower entire Acute at apex but the very tip is blunt Glabrous above, minutely puberulent beneath (viewed edge on 20x) oil glands plain on both sides. Lf. firm. Odor of crushed lf not ~~very~~ strong. 5-9-29 Same plant. St light colored & somewhat corky. (Is this the same as seen at Harrington House 4-25-29 which Mrs. Tuzo desc. as having edible tart berries?) See 5-13-29. Lvs alt, pinnate with 5 more or less lfts which are alt & give appearance of sep. lvs.

3-28-29
Southlands. No flor fr. Low edging plant gray with wooly tomentum. Upright stems with ~~two~~ alt branches 6 7/8 in long. Lvs thick almost terete, largest at apex alt and seemingly 4-ranked very close together.

3-29-29 Celtis mississippiensis, Bosc. Fl ♂ & ⚥ appearing with the lvs. Tree at gate into banana patch across the $\overset{\text{middle}}{\wedge}$ road from so. end of Valley Way. Sepals & stamens 5 or usually 6. ♂ fls at base of twig in clusters of usually 3 (prob subtended by fugaceous bract) some of the upper most in axil of lf. ⚥ towards tip of twig 1-3 in axil of lf. Bud covered by enveloping scale. Fl. disarticulates from peduncle at top of peduncle. Stigmas large & incurved. The 6 sepaled ~~fls~~ seemed somewhat flattened with 2 opp ~~petal~~ sepals a trifle keeled.
Lvs ovate, entire, long acuminate glabrous. 3-nerved & inequilateral a base.

3-29-29 Laurocerasus caroliniana, Roem. Fl. from tree on $\overset{\text{no. side of}}{\wedge}$ Middle Rd just west of Valley Way.

×

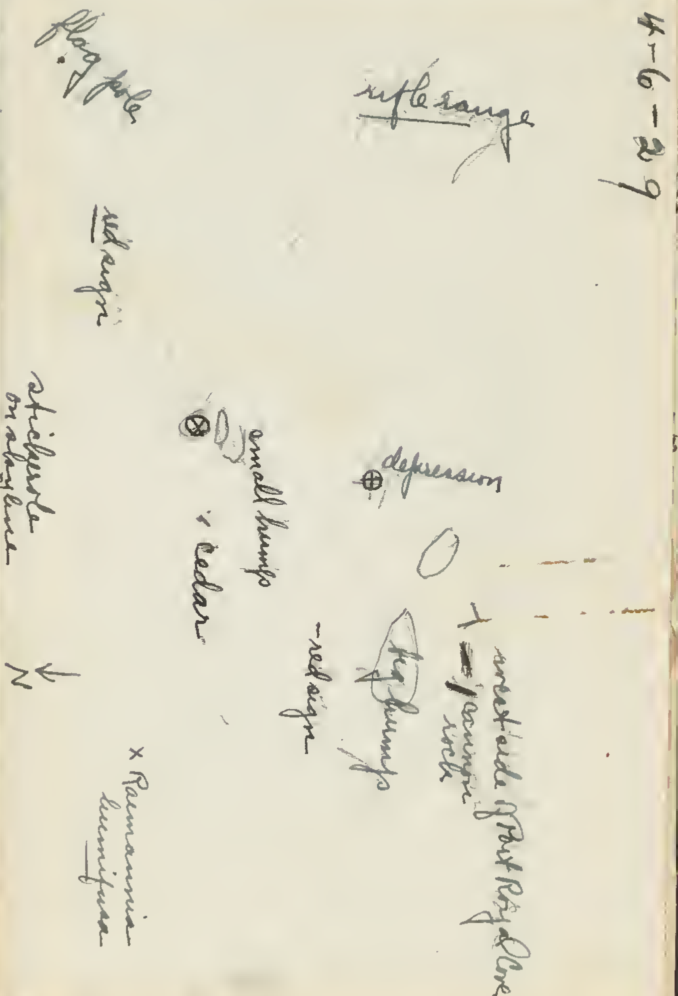
3-30-29

Onagraceae. Fl. found by Miss Day prob from beach west of Warwick Camp. Undoubtedly from plants same as R.B.K. found near Port Royal Cove $\overset{2}{\cancel{3}}$-20-27 and 2-28-29
~~1½ in across & 1¼ in just spread flat~~
Fl. yellow $\overset{1\frac{1}{2}}{\times}$ petals 4, $\frac{3}{4}$ in long & wider $\frac{7}{8}$ - $\frac{15}{16}$ in, obovate, slightly emarginate and irreg. crenate at tips. Stamens 8 and seem (at least in bud) to be equal, tho' this is not at all sure. $1\frac{1}{2}$ in wide diag. $1\frac{1}{4}$ in wide narrowest measurement. Calyx lobes $\overset{4}{\wedge}$ strongly reflexed, almost $\frac{3}{4}$ in ($\frac{11}{16}$+ in), the projection at back of tips being $\frac{1}{8}$ in. Calyx tube $1\frac{3}{4}$-2 in beyond ovary. Ovary 1 in long. Fl. solitary

axillary sessile. Stigma lobes 4, distinct but not spread (seem to stick together) An unripe fr is $1\frac{3}{4}$ in long, cylindrical, ~~±~~ slightly curved, 4 lobed, its apex depressed & cup like with 4 flaring lobes. Seeds not developed enough to judge by. The lvs on collected specimens were slightly oblanceolate or ovate the largest $1\frac{3}{8} \times \frac{7}{16}$ in. acute, narrowed at base & almost if not quite sessile. Almost all entire tho' some show signs of extremely low repand sinuate teeth. Ovules seem to be in "2-rows ascending" Calyx tube about 3 mm wide. St, lvs on both sides of ovary, calyx tube & calyx lobes outside all hoary with straight, white appressed hairs, pointing upward. Calyx segments

286 WARREN STREET
ROXBURY, MASSACHUSETTS

a definite line about 1/16 in from


4-6-29
rifle range
flag pole
red sign
stickpole on aligning line
depression
small hump
cedar
west side of Port Royal Cove
aligning rock
big hump
red sign
N
x Raimannia humifusa

upward.

not "deciduous" before fl. fades. If this is in B.F. of B it must be Raimannia humifusa, Rose p 267 tho not at all like ill. #150 G.H. 4-6-29 Fl found by R.B.K. See map of location at end of notes May 1929. Several clumps bet. Port Royal Cove & rifle range well back from beach.

x

3-30-29

Tree (branch broken over ~~fence~~ wall) no. side Middle R'd just west of Amen Corner. Branch of lvs and buds. Branch grayish brown, the bark cracked & flakey. Lvs opp. exstipulate, largest 5½" * 1¼ in, lanceolate, acuminate, narrowed to base, entire, edges revolute, thick & stiff, glabrous, yellowish green of about same shade both sides, shining above, pinnately veined. Veins not very evident on mature lvs but anastomosing so as to form a definite line about 1/16 in from edge. Petiole about 1/4 in. Mid-rib not depressed above but makes a very definite~~ly~~ ridge below. Beneath (20x) lf shows darker dots & when held to light is ~~pll~~ pellucid punctate. Young lvs are rose-bronze showing veins beneath & dots plainly. Infl. terminal at end of twig~~s~~ from which 3 pairs of lvs have dropped. In specimen collected consists of 6 buds corymbose ~~paniculate~~: 1 near base of rachis, then 2 opp, then 3 arising from same point at tip. Pedicels 1/4 in. Pedicels & closed calyx at this stage dark rose-red. Scars of 2 opp. bracts at base of calyx. Calyx tube top-shaped, lobes 4, the 2 outer just touching in bud, ~~the~~ one inner overlapping the other. Petals 4, intricate in rotation (not oppositely) Petals orbicular at this stage pink tinged at edges, on rim of calyx tube. Calyx lobes & petals punctate. Stamens very many in several rows on rim of calyx tube just below petals filaments free. Anthers ~~ovate~~ prob. dehisce longitudinally. Style simple rising from a glabrous depression its apex pointed & showing no definite stigma. Ovary of 2 small cells rather low in ~~cal~~ fleshy calyx tube. Ovules many on surface of somewhat semi-spherical, or cone shaped axilary placentae which lift out entire covered with ovules. Lvs not at all aromatic when crushed.

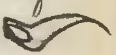
This is prob. of Myrtaceae. Could it be Jambos Jambos, Millsp or J. malacensis, DC p 264

See BM of C.P. 535.

St. slightly flattened bet. nodes but not angled nor really square.

4-3-29 Same tree ~~Fls lateral~~ Infl terminal on short lateral twigs which sometimes bear a lf near base of infl. Only few

fls on tree. Bark gray & smooth
4-10-29 Tree labeled "Rose Apple" at Par-la-Ville is evidently same tree tho in less healthy state no fl. buds observed
~~to~~ 4-11-29 Tree at Amen Corner observed with flo wide open the many stamens prominent. 5-29-29 Buds studied again from same tree.

3-30-29 Ranunculus asiaticus, L.
Fl from Mrs. Parrish's table. B. M of C.P.
273. Torus 3/8 in high. pistil 
Nectary pit at base of petal. Petals range from maroon & rose-yellow variously blended the under side usually darker & brighter than the upper. Stigmas ~~deep~~ dark purple.

3-30-29 Geranium
#130 G.H.
A. same as 3-12-29 grows so. side of ~~rd~~ North Rd Southampton east & west of junction with rd to St. Anne's Ch.
B. {was found no. side of rd a little west of the above region & is same as 3-23-29.
A Beak of unripe fr 5/8 in &c see 3/12/29
Calyx close around carpels, each ~~lobe~~ lanceolate sepal has 3 equal broad green ridges & is hyaline bet. ridges. Seed not smooth at this stage shows fine broken longitudinal lines. Fl 1/4 in or less diam bright rosy lavendar much darker than B.
B, is #133 G.H.

B. Calyx much looser around carpels than A. Sepals ovate with narrow nerve in center & near each edge. Beak of unripe fr. 1/2 in hairy entire length like carpels. Fl 1/4 in or less diam pale ~~rosy~~ lavendar. ~~Seed papillose~~ in ~~long~~ longitudinal lines much more coarsely so than above. Seed tuberculate.

? X
3-30-29 Ornithogalum arabicum, L.
B. M of C.P. 162. Negress's house at turn in side road to Wreck Hill. Fl.
Scape 20 in. Lf 24 in., 1 3/4 in wide, strap-shaped accuminate, lax, folding more or less down center but without definite mid-rib. Flo & buds 17, in bracted corymb. Lowest pedicels

2½ in upper ones (of opened fls) 2 in. Bracts broad & clasping eared at base the lowest 2½ in long, all shorter than pedicels very long accuminate, white at base & ~~scarious~~ white transparent margined. Perianth seg. entirely white, ovate, the 3 outer very slightly keeled x & slightly 3 lobed at apex the middle point hooding, the inner three not at all keeled but but more or less, tho slightly 3-notched. x (These keel tips greenish in bud but not in fl) Segm. 1¼ in x 11/16 in. Stamens ½ in high, filiments broadened at base. Ovary 5/16 in high, 3 lobed very dark green on top & sides, lighter green at base.

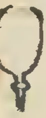
Prob 3-28-27 was this. 4-1-29 Lf brought by Miss Day about ¾ in wide
3-28-29 Called "Fayal Lilly" by Mrs Allan Smith.

3-30-29 Papaver dubium (p143
Fl & unripe fr. Field on No. R'd near Riddells Bay prob to westward.

Like desc 2-26-27. Discs 8-9 stigmatic rays. Hairs on lf & st. & sepals spreading, and (20x) minutely toothed. Hairs on peduncle coarser, stiffer, closely appressed, not toothed. Petals scarlet & slightly darked at base but not "with darker centre" Filiments very dark purple.

x
3-30-29 Papaver

Fl & unripe fr. field no side of side rd to Wreck Hill just west of Ornithogalum House. St simple, 12-17 in leafy. Basal & 1st lvs. similar 1½-2 in by ½-¾ in oblong almost the same width thru out - a little wider above middle sometimes, coarsely & doubly dentate but not pinnatified, the primary teeth being only 1/3 the depth of the half leaf. Edges of lf revolute so that each tooth forms little pocket beneath. Each primary & some secondary teeth awl pointed with a toothed hair. Midrib conspicuously hairy with upwardly toothed broad based hairs. Basal lvs (the lowest ones gone) seem to have been petioled but from very near the base all are sessile clasping, acute at apex. Peduncle with conspicuous spreading but not toothed hairs. Calyx hairy. Petals very pale pinkish lavender with dark purple spot at base. Petals concave & meas. without flattening are 1¼ in x 1-1¼ in mostly wedge shaped at base. Filiments purple & perhaps slightly dilated upward. Ovary urn-shaped, narrow at base, rounding upward with almost parallel sides, & narrowing a little at top so capsule is prob not like P. somniferum p142. Stigmatic lines 7-8 purple.



Capsule glabrous. Lvs & st. glabrous except as mentioned. Pale green, prob. glaucous.